

Use of Multiple Recombination Sites with Unique Specificity in Recombinational Cloning

ABSTRACT

5 The present invention provides compositions and methods for
recombinational cloning. The compositions include vectors having multiple
recombination sites with unique specificity. The methods permit the
simultaneous cloning of two or more different nucleic acid molecules. In some
embodiments the molecules are fused together while in other embodiments the
10 molecules are inserted into distinct sites in a vector. The invention also generally
provides for linking or joining through recombination a number of molecules
and/or compounds (*e.g.*, chemical compounds, drugs, proteins or peptides, lipids,
nucleic acids, carbohydrates, etc.) which may be the same or different. Such
molecules and/or compounds or combinations of such molecules and/or
15 compounds can also be bound through recombination to various structures or
supports according to the invention.